



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NO.  | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.       | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------------|------------------|
| 10/064,265   | 06/27/2002  | Kuan-Yu Lee          | 9159-US-PA                | 1243             |
| 43831 7590 04/09/2007<br>BERKELEY LAW & TECHNOLOGY GROUP, LLP<br>1700 NW 167TH PLACE<br>SUITE 240<br>BEAVERTON, OR 97006 |             |                      | EXAMINER<br>LEE, CHEUKFAN |                  |
|  |             |                      | ART UNIT<br>2625          | PAPER NUMBER     |

| SHORTENED STATUTORY PERIOD OF RESPONSE | MAIL DATE  | DELIVERY MODE |
|--|------------|---------------|
| 2 MONTHS                               | 04/09/2007 | PAPER         |

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.



Art Unit: 2625

1. Claims 1-31 are pending. Claims 1, 11, 17, 21, 26, and 30 are independent.

2. This application is in condition for allowance except for the following formal matters:

Claim 17 has been amended to change "the optical sensor" to "an optical sensor" (see the last two lines of the claim). However, "the" should be used instead "an" if the term is referring to "an optical sensor" of line 3 of the claim. It is unclear if the new term "an optical sensor" is referring to an optical sensor different from "an optical sensor" of line 3.

Claim 17 is objected to in this Office Action.

Claims 18-20 are objected as being dependent on objected claim 17.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

3. claims 1-16 and 21-31 are allowed.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheukfan Lee whose telephone number is (571) 272-7407. The examiner can normally be reached on 9:30 a.m. to 6:00 p.m., Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Cheukfan Lee  
March 28, 2007